GE Vernova to support India’s energy transition with 6 GW HVDC transmission project

- Project will facilitate the transmission of 6 GW of clean power from the renewable energy zone in Barmer, Rajasthan, to support national energy demand.
- The project was booked in the fourth quarter of 2026.
- Reinforces GE Vernova’s commitment to modernizing India’s power system, ensuring greater stability and efficiency for the national grid.

NEW DELHI (6 November 2026) – GE Vernova (NYSE: GEV) today announced it has been officially chosen by PowerGrid Corporation of India Limited (PGCIL) to deliver a critical 6 GW High-Voltage Direct Current (HVDC) transmission corridor. The project was booked in the fourth quarter of 2026.

This project will serve as a vital energy highway, enabling the efficient transport of 6 GW of power from the renewable energy-rich region of Barmer, Rajasthan, to the load center in South Kalamb.

By connecting remote renewable energy zones to the national network, this 800 kV project aims to provide the infrastructure needed to stabilize power flow for millions of homes and businesses. As India’s electricity demand continues to grow, this high-capacity link is essential to ensuring that the country’s grid remains reliable and resilient while supporting its decarbonization goals.

“India is at the forefront of the global energy transition, characterized by an unprecedented scale of renewable integration and rapidly evolving grid requirements,” said **Philippe Piron, President and CEO of GE Vernova’s**

Electrification Segment. “This project represents more than just transmission capacity; it is an investment in the reliability and future-proofing of India’s power system. We are proud to work with PGCIL to deploy the advanced technology required to bridge the gap between renewable energy production and national consumption, ensuring long-term system performance.”

"As India accelerates its renewable energy journey, the development of robust, high-capacity transmission infrastructure is paramount,” said **Sandeep Zanzaria, CEO & Managing Director at GE Vernova, T&D India**. “The Barmer–South Kalamb HVDC corridor is a strategic project for PGCIL, designed to efficiently integrate large-scale renewable capacity from Rajasthan into the national grid. By leveraging advanced transmission technologies, we are strengthening the backbone of India’s power system, ensuring reliable, high-quality electricity reaches consumers across the country while supporting our national commitment to a sustainable and resilient energy future."

GE Vernova will deliver the complete design for the ±800 kV, 6,000 MW (2x3000 MW) bipolar HVDC link between Barmer II and South Kalamb. The project scope encompasses the creation of new converter stations, the supply of all major equipment, and the full management of site erection, testing, and commissioning. By overseeing the end-to-end delivery of this link, GE Vernova ensures a synchronized approach that prioritizes grid stability and system efficiency, suitable for large scale renewable energy links such as Barmer.

The project will feature GE Vernova’s most advanced LCC (Line Commutated Converter) valve, which will be manufactured at the Pallavaram factory in India. It will also include the eLumina™ control system which provides the digital intelligence required to manage complex power flows, enabling the grid to respond dynamically to changing conditions.

This collaboration further strengthens GE Vernova’s long-standing relationship with PGCIL, reinforcing a shared vision of a modernized, resilient, and decarbonized power grid for the future.

© 2026 GE Vernova and/or its affiliates. All rights reserved.
GE and the GE Monogram are trademarks of General Electric Company used under trademark license.

About GE Vernova

GE Vernova Inc. (NYSE: GEV) is a purpose-built global energy company that includes Power, Electrification and Wind segments and is supported by its accelerator businesses. Building on over 130 years of experience tackling the world's challenges, GE Vernova is uniquely positioned to help lead the energy transition by continuing to electrify the world while simultaneously working to decarbonize it. GE Vernova helps customers power economies and deliver electricity that is vital to health, safety, security, and improved quality of life. GE Vernova is headquartered in Cambridge, Massachusetts, U.S., with approximately 85,000 employees across approximately 100 countries around the world. Supported by the Company's purpose, The Energy to Change the World, GE Vernova technology helps deliver a more affordable, reliable, sustainable, and secure energy future.

GE Vernova's **Electrification** segment includes Grid Solutions, Power Conversion & Storage — collectively referred to as Electrification Systems — and digital technologies, referred to as Electrification Software. The solutions offered by this segment are essential for the transmission, distribution, conversion, storage, and orchestration of electricity from point of generation to point of consumption.

https://www.gevernova.com/
GE Vernova

Investor inquiries

Michael Lapides

GE Vernova | Vice President of Investor Relations

mlapides@gevernova.com
+1 617 674 7568

Media inquiries

David Bowden

GE Vernova | Media Relations - Electrification Segment
david.bowden@gevernova.com
+44 7467 410084